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Memorandum

From: Steve Willis
To: Wayne Miller
Date: October 27, 2016
Subject: Site visit to observe well drilling activities at Former Williams AFB Site ST012.

Wayne:

This memo summarizes my visit to Site ST012 conducted today.

I arrived at the site at approximately 9:30 am. Drilling had just been completed to a depth of 196-ft. on well UWBZ39 southwest of the above ground tank. I observed the drill cuttings and did not detect any hydrocarbon odors. According to Garrett, the highest PID reading was 17.8 ppm in clayey sand at 160-ft. No dye tests were conducted due to the low PID readings. Groundwater was encountered at approximately 150-ft.

The Cobble Zone lithology consisted mainly of silty to clayey sand, with coarse sand and gravel lenses at about 140-146-ft. and 150-156-ft. The Upper Water Bearing Zone below 160-ft. was mainly silty clay and clayey sand.

After viewing the drill cuttings I discussed the schedule with Garrett. He expected the well to be constructed by early afternoon, after which the rig would move to well LSZ56, located on the west side of Avoca Street southwest of well W11. He expected to complete about 100-ft. of drilling by the end of the day.

Please contact me if you have comments or questions regarding this memo.

Thank you,

A handwritten signature in black ink that reads 'Steve Willis'.

SITE PHOTOS



Photo 1. Collecting a PID reading.



Photo 2. Drill cuttings set out for review at UWBZ39.



Photo 3. Cobble Zone gravelly sand at 144-146'.



Photo 4. Cobble Zone sand at 152-156'.



Photo 5. UWBZ silty clay at 186-188'.



Photo 6. UWBZ Clayey sand at 188-192'.

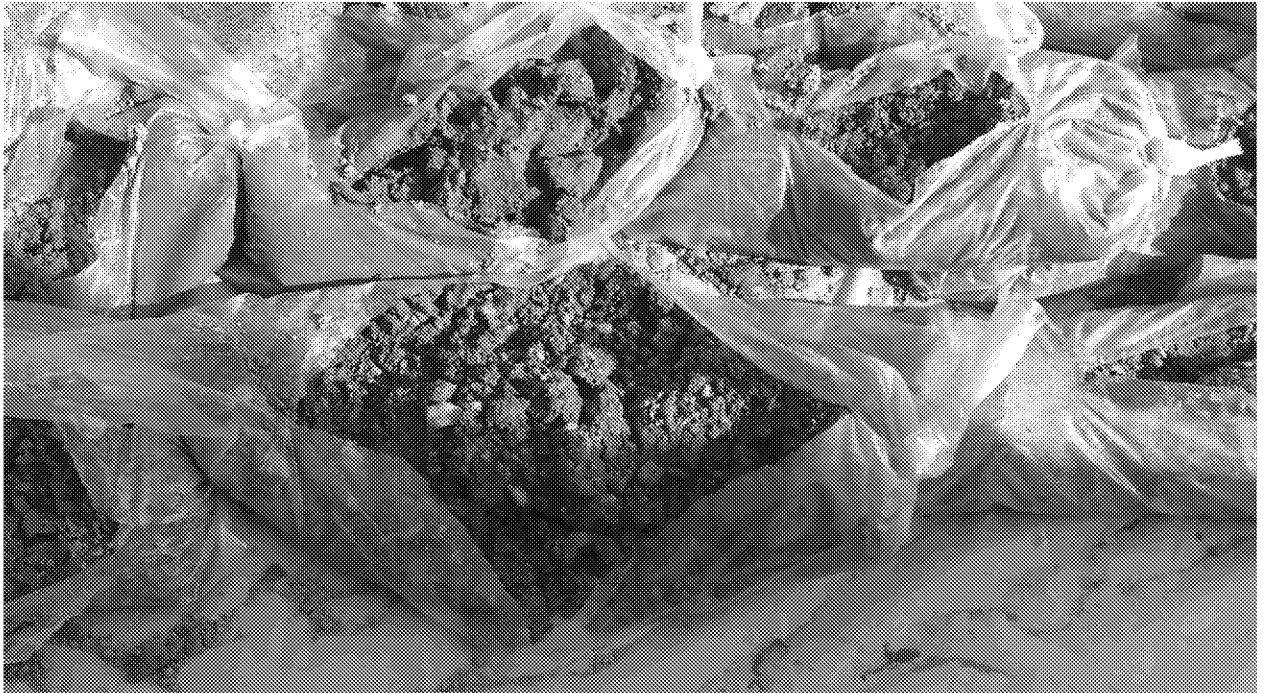


Photo 7. UWBZ Clayey sand at 192-194'.



Photo 8. UWBZ Silty clay at 194-196'. Bottom of boring.